

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-26 (Cancelled).

27. (Currently Amended) A base station comprising:

an allocation unit configured to allocate an uplink resource, comprising at least one of a frequency resource and a spreading code resource, to be used by a mobile station for transmitting an ACK/NACK signal in response to user data transmitted from the base station to the mobile station;

a modulating unit configured to modulate first allocation information indicating the uplink resource and second allocation information which is downlink resource allocation information indicating and which indicates a destination of the user data; and

a transmitting unit configured to simultaneously transmit the modulated first allocation information and the modulated second allocation information on a control channel and configured to transmit the user data on a user channel.

28. (Currently Amended) The base station according to claim 27, wherein the frequency resource corresponds to a subcarrier or a spreading code.

29. (Previously Presented) The base station according to claim 27, further comprising an encoding unit configured to encode the first allocation information together with the second allocation information.

30. (Currently Amended) A transmitting method comprising:

allocating an uplink resource, comprising a frequency resource or a spreading code
resource, to be used by a mobile station for transmitting an ACK/NACK signal in response to user data transmitted from a base station to the mobile station;

modulating first allocation information indicating the resource and second allocation information which is downlink resource allocation information indicating and which indicates a destination of the user data;

simultaneously transmitting the modulated first allocation information and the modulated second allocation information on a control channel; and

transmitting the user data on a user channel.

31. (Previously Presented) The transmitting method according to claim 30, wherein the resource corresponds to a subcarrier or a spreading code.

32. (Previously Presented) The transmitting method according to claim 30, further comprising encoding the first allocation information together with the second allocation information.

33. (Previously Presented) The base station according to claim 27, further comprising:
a generating unit configured to generate transmit power information of the ACK/NACK
signal, wherein

said modulating unit modulates the transmit power information, and said transmitting
unit simultaneously transmits the modulated first allocation information, the modulated second
allocation information and the modulated power information on the control channel.

34. (Previously Presented) The transmitting method according to claim 30 further
comprising:

generating transmit power information of the ACK/NACK signal, wherein
the transmit power information is modulated and simultaneously transmitted with the
modulated first information and the modulated second information on the control channel.

35. (Withdrawn) A mobile station comprising:

a receiving unit configured to receive the first allocation information and the second
allocation information which are transmitted on the control channel from said base station
according to claim 27 and configured to receive the user data which is transmitted on the user
channel from said base station;

a demodulating unit configured to demodulate the first allocation information, the second
allocation information and the user data;

an error detection unit configured to perform an error detection of the user data; and

a transmitting unit configured to transmit the ACK/NACK signal, according to a result of the error detection, using the resource indicated by the first allocation information.

36. (Withdrawn) A mobile station comprising:

a receiving unit configured to simultaneously receive first allocation information indicating a resource and second allocation information indicating a destination of user data, which are transmitted on a control channel from a base station, and configured to receive the user data which is transmitted on a user channel from the base station;

a demodulating unit configured to demodulate the first allocation information, the second allocation information and the user data;

an error detection unit configured to perform an error detection of the user data; and

a transmitting unit configured to transmit an ACK/NACK signal, according to a result of the error detection, using the resource indicated by the first allocation information.

37. (New) A base station comprising:

an allocation unit configured to allocate an uplink resource to be used by a mobile station for transmitting an ACK/NACK signal in response to user data transmitted from the base station to the mobile station;

an encoding unit configured to encode first allocation information indicating the uplink resource together with second allocation information which is a downlink resource allocation information and which indicates a destination of the user data to provide encoded first and second allocation information;

a modulating unit configured to modulate the encoded first and second allocation information; and

a transmitting unit configured to transmit the modulated and encoded first and second allocation information on a control channel and configured to transmit the user data on a user channel.

38. (New) A transmitting method comprising:

allocating an uplink resource to be used by a mobile station for transmitting an ACK/NACK signal in response to user data transmitted from the base station to the mobile station;

encoding first allocation information indicating the uplink resource together with second allocation information which is a downlink resource allocation information and which indicates a destination of the user data to provide encoded first and second allocation information;

modulating the encoded first and second allocation information; and

transmitting the modulated and encoded first and second allocation information on a control channel and the user data on a user channel.

39. (New) The base station according to claim 27, further comprising:

a measuring unit configured to measure a channel quality between the base station and the mobile station, wherein:

said allocating unit allocates the uplink resource based on the channel quality.

40. (New) The transmitting method according to claim 30, further comprising:
measuring a channel quality between the base station and the mobile station, wherein
the uplink resource is allocated based on the channel quality.